AMENDMENTS TO THE CLAIMS:

The following listing of claims replaces all prior versions and listings of claims in the

application.

Listing of Claims

1. (Currently amended) A semiconductor device including a gate having a gate

insulation film and a gate electrode, a source, and a drain, said semiconductor device

comprising:

a sidewall film covering a side surface of said gate; and

a low permittivity region locally provided at a lower portion of the side surface of

said gate with the low permittivity region being covered by said sidewall film,

wherein said gate insulation film and a lower end of said gate electrode have a

same width as each other.

2. (Original) The semiconductor device according to claim 1, wherein said low

permittivity region is made of a lower permittivity material as compared to said sidewall

film.

3. (Original) The semiconductor device according to claim 2, wherein said

sidewall film includes

a first film directly formed at an upper portion of said side surface of said gate, and

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a second film formed on said first film to cover said low permittivity region directly formed at the lower portion of the side surface of said gate.

- 4. (Original) The semiconductor device according to claim 1, wherein said low permittivity region is a cavity.
- 5. (Original) The semiconductor device according to claim 4, wherein said sidewall film includes
- a first film directly formed only at an upper portion of said side surface of said gate, and
- a third film covering said first film to form the cavity only at a lower portion of said side surface.
- 6. (Original) The semiconductor device according to claim 1, wherein a part of a side wall lower portion of said gate is removed to have said low permittivity region formed into a notched shape.
- 7. (Original) The semiconductor device according to claim 6, wherein said low permittivity region is made of a lower permittivity material as compared to said sidewall film.
- 8. (Original) The semiconductor device according to claim 6, wherein said low permittivity region is a cavity.

9. (Withdrawn): A method for manufacturing a semiconductor device including a gate, a source, and a drain, said method comprising the steps of:

forming a thin first film covering a side surface of said gate;

removing only a lower portion of said first film;

locally filling only a lower portion of the side surface of said gate, at which said first film is removed, with a low permittivity material; and

forming a second film on said first film to cover said low permittivity material.

10. (Withdrawn): A method for manufacturing a semiconductor device including a gate, a source, and a drain, said method comprising the steps of:

forming a thin first film covering a side surface of said gate;

removing only a lower portion of said first film; and

forming a second film on said first film with low step coverage, to thereby form a cavity at a lower portion of the side surface of said gate.

11. (Withdrawn): A method for manufacturing a semiconductor device including a gate, a source, and a drain, said method comprising the steps of:

removing a part of a side wall lower portion of said gate to process it into a notched shape;

locally filling only said part with a low permittivity material; and

forming a sidewall film on a side surface of said gate to cover said low permittivity material.

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12. (Withdrawn): A method for manufacturing a semiconductor device including a gate, a source, and a drain, said method comprising the steps of:

removing a part of a side wall lower portion of said gate to process it into a notch shape; and

forming a sidewall film on a side surface of said gate with low step coverage to such an extent as not to fill in said part, to thereby form a cavity at a lower portion of the side surface of said gate.